

Marketplace for Kids (Project Students) Meet the Following Science Standards and Benchmarks ~ Grade 4

National Content Standards for Entrepreneurship Education	North Dakota Standards and Benchmarks	National Education Science Standards for Students
	<p>Science (December 2004) Grade 4</p>	<p>Grades K-4</p>
<p>Entrepreneurial Skills Discovery A.01 Explain the need for entrepreneurial discovery. A.02 Discuss entrepreneurial discovery processes. A.03 Assess global trends and opportunities. A.04 Determine opportunities for venture creation. A.05 Assess opportunities for venture creation. A.06 Describe idea-generation methods. A.07 Generate venture ideas. A.08 Determine feasibility of ideas.</p> <p>Computer Basics/Computer Applications E.07 Use reference materials to access information</p> <p>Computer Basics/Computer Applications E.07 Use reference materials to access information</p> <p>Computer Basics/Computer Applications E.07 Use reference materials to access information</p> <p>Computer Basics/Computer Applications E.07 Use reference materials to access information</p>	<p>Standard 2: Science Inquiry: Students use the process of science inquiry.</p> <p>Understandings About Scientific Inquiry 4.2.1. Review and ask questions about the scientific investigations of others.</p> <p>Abilities Necessary to do Scientific Inquiry 4.2.2. Conduct simple investigations 4.2.3. Use scientific tools (i.e., thermometers, rulers, balances) during simple investigations.</p>	<p>NS.K-4.1 Science as Inquiry As a result of activities in grades K-4, all students should develop</p> <ul style="list-style-type: none"> • Abilities necessary to do scientific inquiry • Understanding about scientific inquiry <p>NS.K-4.2 Physical Science As a result of activities in grades K-4, all students should develop an understanding of</p> <ul style="list-style-type: none"> • Properties of objects and materials • Position of motion of objects • Light, heat, electricity and magnetism <p>NS.K-4.3 Life Science As a result of activities in grades K-4, all students should develop an understanding of</p> <ul style="list-style-type: none"> • The characteristics of organisms • Life cycles of organisms • Organisms and environments <p>NS.K-4.4 Earth and Space Science As a result of their activities in grades K-4, all students should develop an understanding of</p> <ul style="list-style-type: none"> • Properties of earth materials • Objects in the sky • Changes in earth and sky

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<p>Entrepreneurial Skills Discovery A.01 Explain the need for entrepreneurial discovery. A.02 Discuss entrepreneurial discovery processes. A.03 Assess global trends and opportunities. A.04 Determine opportunities for venture creation. A.05 Assess opportunities for venture creation. A.06 Describe idea-generation methods. A.07 Generate venture ideas. A.08 Determine feasibility of ideas.</p> <p>Computer Basics/Computer Applications E.11 Demonstrate basic search skills on the Web</p>	<p>Standard 6: Science and Technology: Students understand relations between science and technology.</p> <p>Technological Design 4.6.1. Understand the effects of technology on people and the environment.</p> <p>4.6.2. Explain how an invention may lead to other inventions.</p>	<p>NS.K-4.5 Science and Technology As a result of activities in grades K-4, all students should develop</p> <ul style="list-style-type: none"> • Abilities of technological design • Understanding about science and technology • Abilities to distinguish between natural objects and objects made by humans
<p>Entrepreneurial Skills Discovery A.03 Assess global trends and opportunities.</p> <p>Human Resource Management Technology K.07 Explain ways that technology impacts business. K.14 Determine venture's technology needs.</p> <p>Entrepreneurial Traits/Behaviors B.15 Evaluate personal capabilities</p> <p>Entrepreneurial Processes A.03 Assess global trends and opportunities</p>	<p>Standard 7: Science and Other Areas: Students understand relations between science and personal, social, and environmental issues.</p> <p>Science and Environmental Issues 4.7.1. Identify consequences of natural and human-induced environmental changes.</p> <p>Science and Social Issues 4.7.2. Know ways in which science and technology have greatly improved human lives (i.e., food quality and quantity, transportation, health, sanitation, communication).</p> <p>Science and Personal Health No new content for this level.</p>	<p>NS.K-4.6 Personal and Social Perspectives As a result of activities in grades K-4, all students should develop an understanding of</p> <ul style="list-style-type: none"> • Personal health • Characteristics and changes in populations • Types of resources • Changes in environments • Science and technology in local challenges

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<p>Business Foundations Business Concepts C.03 Explain types of businesses Professional Development Career Planning H.01 Evaluate career opportunities based on current/future economy.</p> <p>Entrepreneurial Skills Discovery A.01 Explain the need for entrepreneurial discovery</p>	<p>Standard 8: History and Nature of Science: Students understand the history and nature of science.</p> <p>Scientific Knowledge 4.8.1. Recognize scientific advances that changed popular beliefs (i.e., Earth was center of universe, world was flat, man was incapable of flight).</p> <p>People in Science 4.8.2. Know a variety of careers in the field of science.</p>	<p>NS.K-4.7 History of Nature and Science As a result of activities in grades K-4, all students should develop an understanding of</p> <ul style="list-style-type: none"> • Science as a human endeavor